SYSTEM, METHOD AND APPARATUS PROVIDING COLLATERAL INFORMATION FOR A VIDEO/AUDIO STREAM

ABSTRACT OF THE DISCLOSURE

A system and method is disclosed for performing Automatic Stream Analysis for Broadcast Information which takes speech audio as input, converts the audio stream into text using a speech recognition system, applies a variety of analyzers to the text stream to identify information elements, automatically generates queries from these information elements, and extracts data from search results that is relevant to a current program. The data is multiplexed into the broadcast signal and transmitted along with the original audio/video program. The system is fully automatic and operates in real time, allowing broadcasters to add relevant collateral information to live programming..